

Appl. No. 10/523,331  
Amdt. Dated March 16, 2007  
Reply to Office Action of February 7, 2007

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REMARKS

Applicants thank Examiner for acknowledging receipt of foreign priority document, Japanese Application No. JP2002-223846, that has been submitted pursuant to 35 U.S.C. § 119 and/or PCT Rule 17.2(a).

Applicants have amended the attached drawings for Figures 9 – 13 as requested by the Examiner.

Applicants have also amended the Specification to correct the drawing reference numbers as noted by the Examiner on pg. 3 of the last Office Action. No new matter has been added.

As requested by Examiner, the Title has been amended to "METHOD OF MANUFACTURING A DEVICE-INCORPORATED SUBSTRATE AS WELL AS A METHOD OF MANUFACTURING A PRINTED CIRCUIT BOARD."

New claims 24 - 29 have been added in order to alternately define the invention as disclosed in the specification.

Applicants have amended claims 1, 5, 6, and 10 in order to obviate the Examiner's objections. Applicants submit that these claims are now in condition for allowance.

Applicants respectfully request reconsideration of the Examiner's rejection of claims 1 – 6 and 8 - 10 under 35 U.S.C. §103(a). The Examiner has rejected these claims in view of the cited references of *AAPA* in view of *Murakami et al.* (U.S. Patent No. 4,604,140) and Jap. Pat. Pub. No. 05-055758 to Matsushita.

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Applicants note that under Section 2143 of the MPEP, in order to establish a prima facie case of obviousness, the Examiner must meet three basic criteria. "First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations." *MPEP* §2143 rev. 3 (August, 2005). Applicants' assert that the Examiner has failed to establish a prima facie case of obviousness for at least the reason that the prior art reference fails to teach or suggest all of the claim limitations.

Applicants submit that none of the references cited by the Examiner disclose, teach, or suggest providing an insulating layer and a separate metal transfer sheet made of metal separate from and un-connected to said insulating layer, forming a conductor pattern over one surface of the transfer sheet made of metal, transferring both the metal transfer sheet and the conductor pattern to the insulating layer, and then removing the metal transfer sheet.

In contrast, Murakami teaches that the metal substrate 1 should be removed prior to transferring the conductor pattern 3 to the insulating film 5. For at least this reason, Applicants submit that the Examiner must withdraw the Murakami reference and place claims 1 - 6 and 8 - 10 in condition for allowance.

In specific regard to claim 2, Applicants submit that the cited references fail to set forth the method including removing both the base material and the dissolvee

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metal after being attached to the insulating layer. For at least this reason, Applicants submit that the Examiner must withdraw the Murakami reference and place claim 2 in condition for allowance.

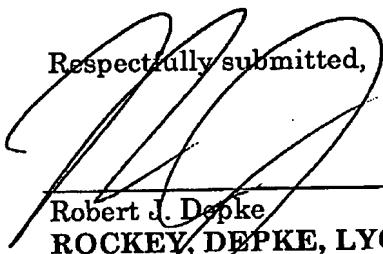
In specific regard to claim 5, Applicants submit that the cited references fail to set forth the method including forming an adhesive material over one surface of an insulating layer formed separate from the metal base material prior to the pattern transfer step. For at least this reason, Applicants submit that the Examiner must withdraw the Murakami reference and place claim 5 in condition for allowance.

The Examiner's remaining references cited but not relied upon, considered either alone or in combination, also fail to teach applicant's currently claimed invention. In light of the foregoing, Applicants respectfully submit that all claims now stand in condition for allowance.

In the event that it is deemed necessary, the Commissioner is hereby authorized to charge any fees due or to credit any overpayment to Deposit Account No. 50-3891.

Respectfully submitted,

Date: 6/7/07

  
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**Drawing Amendment:**

Applicants respectfully request the amendment of Figures 9 - 13 in order to provide properly numbered drawing labels. Attached are the drawings at issue attached as replacement sheets.

Applicants respectfully request the amendment of Figure 13 (currently re-numbered to Figure 11) to include the designation "Prior Art." Attached are the drawings at issue attached as replacement sheets.